

Title (en)

METHOD IMPLEMENTED BY A MOBILE DEVICE FOR OBTAINING ITS POSITION AND DEVICE IMPLEMENTING THIS METHOD

Title (de)

DURCH EINE MOBILE VORRICHTUNG IMPLEMENTIERTES VERFAHREN ZUR GEWINNUNG SEINER POSITION UND VORRICHTUNG ZUR IMPLEMENTIERUNG DIESES VERFAHRENS

Title (fr)

PROCÉDÉ MIS EN OEUVRE PAR UN DISPOSITIF MOBILE POUR OBTENIR SA POSITION ET DISPOSITIF METTANT EN OEUVRE CE PROCÉDÉ

Publication

EP 3077840 B1 20200108 (EN)

Application

EP 14835491 A 20141128

Priority

- EP 13306657 A 20131203
- IB 2014002918 W 20141128
- EP 14835491 A 20141128

Abstract (en)

[origin: EP2881751A1] This method implemented by a mobile device for obtaining its position comprises the steps of: a. determining (E30) a current set of possible positions of said device from a measure of the distance between said device and an anchor device at a current instant; b. determining (E50) a subsequent set of possible positions at a subsequent instant from said current set and from a vector of movement of said device at said current instant; c. estimating (E60) the distance between said device and said anchor device at said subsequent instant d. obtaining (E70) a new current set of possible positions of said device by selecting within said subsequent set of possible positions those which are at said distance from said anchor device repeating steps b. to d. until said current set (AE1*) comprises only one element and estimating that the position of said device is said element.

IPC 8 full level

G01S 5/02 (2010.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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